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ION DISCLOSURE STATEMENT

FORM PTO-1449

ATTY. DOCKET NO. 1503.0870001 APPLICANT

APPLICATION NO.

09/814,160

Agrafiotis et al. FILING DATE

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XAMINER NITIAL		DOCUMENT NUMBER	DATI		NAM		CLASS	SUB- CLASS	FILING DATE
Man	AA1	4,773,099	09/19	988	Boks	er	382	14	
1/	AB1	4,811,217	03/19	989	Tokiz	zane et al.	364	300	
	AC1	4,859,736	08/19	989	Rink		525	54.1	
	AD1	4,908,773	03/19	990	Pant	oliano et al.	364	496	
	AE1	4,935,875	06/19	990	Shah	et al.	364	497	
	AF1	4,939,666	07/19	990	Hard	man	364	496	
1	AG1	5,010,175	04/19	991	Rutte	er et al.	530	334	
V	AH1	5,025,388	06/19	991	Cran	ner, III et al.	364	496	
1	AI1	5,155,801	10/19	992	Linco	oln	395	22	<u> </u>
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AMINER TIAL		DOCUMENT NUM	BER	DATE		COUNTRY	CLASS	SUB- CLASS	TRANSLATION
Han	AJ1 ³	EP 0 355 266 B1		02/1990		EPO	B01J	19/00	Yes No
	AK1	EP 0 355 628 B1		02/1990		EPO	G21F	9/00	Yes No
	AL1 °	EP 0 770 876 A1		05/1997		EPO	G01N	33/68	Yes No
	AM1	EP 0 818 744 A2	-	01/1998		EPO	G06F	17/50	Yes No
V		ОТНІ	ER (In	cluding Aut	hor, T	itle, Date, Pertinent Pages,	etc.)		
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	AO .					versity profiling and combinat 999, pp. 1-22.	orial series de	sign," <i>Molect</i>	ular Diversity,
V	AP	Agrafiotis, D. on <i>k-d</i> Trees pp. 51-58.	K. and ," <i>J. Cl</i>	Lobanov, V hem. Inf. Cor	.S., "A mput. 3	n Efficient Implementation of Sci., American Chemical Soci	Distance-Bas lety, Vol. 39, N	ed Diveristy I lo. 1, Januar	Measures Based y/February 1999,
1	AQ					ridging The Gap Between Div n 29-April 2, 1998, p. 181-CO		SAR," Abstrac	cts of Papers Part
V	AR	Agrafiotis, D. Abstracts of	K. and Papers	Jaeger, E.P 3 Part 1: 211	P., "Dire th ACS	ected Diversity®: An Operatir S National Meeting, March 24	ng System For -28, 1996, p. 4	Combinatori	al Chemistry,"
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FORM PTO-1449

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March 22, 2001

Agrafiotis et al.

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NITIAL		DOCUMENT NUMBER	DAT	E	NAM	E	CLASS	SUB- CLASS	FILING DATE
Man	AA2	5,167,009	11/19	992	Skeir	ik	395	27	
	AB2	5,181,259	01/19	993	Rorv	ig	382	36	
7	AC2	5,240,680	08/19	993	Zuck	ermann et al.	422	67	
	AD2	5,260,882	11/19	993	Bland	co et al.	364	499	
	AE2	5,265,030	11/19			nick et al.	364	496	
	AF2	5,270,170	12/19	-		tz et al.	435	7.37	
	AG2	5,288,514	02/19		Elima		427	2	
- //	AH2	5,307,287	04/19		 	ner, III et al.	364	496	
₩	Al2	 	06/19				382	15	
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Han	AJ2 °	WO 91/19735		12/1991		PCT	C07K	7/02	Y
	AK2	WO 92/00091		01/1992		РСТ	A61K	37/02	Y
	AL2	WO 93/20242		10/1993		PCT	C12Q	1/70	Y
1	AM2	WO 94/28504		12/1994		PCT	G06F	15/60	Y
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Nan	AN		K., "Di	versity of Ch	emica	Libraries," Encyclopedia		Chemistry,	John Wiley & Sor
Han	AN	Agrafiotis, D. Ltd, Vol. 1:A-	K., "Di	versity of Ch	emica			Chemistry, .	John Wiley & So
Har		∠ Ltd, Vol. 1:A-	K., "Di D, 199 K., "Or	versity of Ch 18, pp. 742-7	emica 61.		of Computational	rsity," Journa	I of Chemical
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Har	AO	2 Agrafiotis, D. Agrafiotis, D. 1999, p. 50-0	K., "Di D, 199 K., "Or nd Co K. et a COMP.	versity of Ch 18, pp. 742-7 In the Use of Interpreter Scients I., "Parallel Control	Inform	Libraries," Encyclopedia ation Theory for Assessin	ng Molecular Diversity, Vol. 37, No. 3, and 1: 217th ACS Na	rsity," Journa May/June 19 ational Meetin	of Chemical 1997, pp. 576-580 1997, pp. 576-580 199, March 21-25
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EXAMINER: Initial if reference considered, whether contestation is in conformance with MPEP 609. Draw line through citation if not in

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ATTY. DOCKET NO. APPLICATION NO. 1503.0870001 09/814,160

APPLICANT
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AC3 5,436,850 07/1995 Eisenberg et al. 364 496 AD3 5,442,122 08/1995 Noda et al. 564 426 TCE AE3 5,463,564 10/1995 Agrafiotis et al. 364 496 AF3 5,499,193 03/1996 Sugawara et al. 364 500 JUN 0; AF3 5,499,193 03/1996 Sugawara et al. 364 497 AF3 5,520,281 05/1996 Miyake et al. 364 497 AF3 5,520,281 06/1996 Chapman et al. 364 497 AF3 5,520,281 06/1996 Chapman et al. 364 496 FOREIGN PATENT DOCUMENTS XAMINER DOCUMENT NUMBER DATE COUNTRY CLASS SUB- CLASS CLASS TRANS	Ma	~	AA3	5,33	1,573	07/19	994	Balaj	i et al.	364	500		
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DATE CONSIDERED 5/14/04



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ATTY. DOCKET NO.
1503.0870001

APPLICATION NO.
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Agrafiotis et al.

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XAMINER NITIAL		DOCUMENT NUMBER	DATE	E	NAM	E	CLASS	SUB- CLASS	FILING DATE
Han	AA4	5,545,568	08/19	996	Ellma	in	436	518	
	AB4	5,549,974	08/19	996	Holm	es	428	403 🖫	ECEIVED
1	AC4	5,553,225	09/19	996	Perry	1	395	157	1302712
	AD4	5,565,325	10/19	996	Blake	<u> </u>	435	7.1	UN 0 3 2003
	AE4	5,574,656	11/19	996	Agraf	iotis et al.	364	500	
	AF4	5,585,277	12/19	996	Bowie	e et al.	436	518 lech	ology Center 2
,	AG4	5,602,755	02/19	997	Ashe	et al.	364	498	
1/	AH4	5,602,938	02/19	997	Akiya	ıma et al.	382	155	
7	Al4	5,612,895	03/19	97	Balaji	i et al.	364	496	
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March 22, 2001

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FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO. APPLICATION NO. 1503.0870001 09/814,160

APPLICANT

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FILING DATE March 22, 2001 GROUP 2122

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	AB5	5,635,598	06/19	997	Lebl	et al.	530	334	
	AC5	5,670,326	09/19	997	Beut	el	435	7.1	
	AD5	5,679,582	10/19	997	Bowi	e et al.	436	518	-
	AE5	5,684,711	11/19	997	Agra	fiotis et al.	364	500	
	AF5	5,703,792	12/19		— <u> </u>	oman	364	496	
	AG5	5,712,171	01/19			pias et al.	436	518	
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APPLICATION NO. ATTY. DOCKET NO. 1503.0870001 09/814,160 APPLICANT Agrafiotis et al.

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	AB6	5,789	9,160	08/19	998	Eato	n et al.	43	5	6		
7	AC6	5,807	7,754	09/19	998	Zami	oias et al.	43	6	518		
T	AD6	5,811	1,241	09/19	998	Good	fellow et al.	43	5	7.1		
	AE6	5,832	2,494	11/19	998	Egge	er et al.	70	7	102		
	AF6	5,858	3,660	01/19	999	Eato	n et al.	43	5	6		
1	AG6	5,861		01/19	999	Brow	n et al.	56	4	142		
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	AQ	<u>6</u>	Lobanov, V.S Meeting, Mar				ons from Virtual Librarie OMP.	es," Abstracts	s of Pape	ers Part 1: 21	7th ACS Na	ntiona
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7	AB7	5,93	3,819	08/19	999	Skoli	nick et al.		706	21		
	AC7	6,01	4,661	01/20	000	Ahlb	erg et al.		707	3		
	AD7	6,03	7,135	03/20	000	Kubo	et al.		435	7.24		
	AE7	6,04	9,797	04/20	000	Guha	et al.		707	6		
1	AF7	6,18	5,506 B1	02/20	001	Cran	ner et al.	T I	702	19		
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	AO	7	Patterson, D. Descriptors,"	E. et a Journa	il., "Neighbor al of Medicin	rhood l aal Che	Behavior: A Useful Cond emistry, American Chem	cept for V nical Socie	alidation of ety, Vol. 39,	'Molecular D No. 16, 1990	iversity' 6, pp. 3049-3	8059
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	AR	Z	Sadowski, J. Functions an 2677.	<i>et al.</i> , d Neur	"Assessing S ral Networks	Similar ," <i>Ange</i>	ity and Diversity of Comewandte Chemie, VCH,	nbinatoria Vol. 34, N	l Libraries b No. 23/24, J	y Spatial Aut anuary 5, 19	ocorrelation 96, pp. 2674	-
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	AO	<u>8</u>	Barnard, John Perspectives	n M. aı <i>in Dru</i>	nd Downs, G Ig <i>Discovery</i>	Seoff N	1., "Computer representa esign, Kluwer Academic	ation and m	anipulatio i, 1997, p	on of combina p. 13-30.	atorial librarie	∋s,"
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	AO	<u>10</u>					ty Searching," <i>Journal c</i> No. 6, 1998, pp. 983-996		nformati	on Computer	Sciences,
	AP	<u>10</u>	Agrafiotis, Di J. Chem. Inf.	imitris <i>Comp</i>	K. and Loba out. Sci., Am	anov, Vi nerican	ctor S., "Ultrafast Algori Chemical Society, 2000	ithm for Desi , Vol. 40, No	gning Fo o. 4, pp. 1	ocused Comb 1030-1038.	inational Arrays,"
	AQ	<u>10</u>	Ajay et al., "C Medicinal Ch	Can W emistr	e Learn To y, 1998, An	Disting: nerican	uish between 'Drug-Like Chemical Society, Vol.	e' and 'Nondr 41, No. 18, p	ug-like' l pp. 3314-	Molecules?" .	Journal of
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	AQ	<u>27</u>	Kohonen, T., Springer-Ver	"Self- lag, Vo	Organized F ol. 43, No. 1,	ormati 1982,	on of Topologically Co pp. 59-69.	orrect Featur	re Maps", <i>E</i>	Biological Cy	/bernetics,	
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	AO	<u>28</u>	Kruskal, J. B. 1964, pp. 115		metric Multio	dimens	sional Scaling: A Numerio	cal Method	", Psycho	metrika, V	ol. 29, No. 2, Jur	ne,
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	AQ	<u>28</u>	Relationships	and C	Quantitative	Structu	ng Applied to the Develop Ire-Property Relationship Cal Society, Vol. 34, No. (os", <i>Journa</i>	I of Chem	ical Inform	ation and	
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